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Waste Site Reclassification Form

Date Submitted: 8/27/1999	Operable Unit(s): 200-CW-5	Control Number: 99-066
Originator: B. H. Ford	Waste Site ID: UPR-200-W-107	
Phone: 372-9176	Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is historically identified as an unplanned release. The site is posted with "Underground Radioactive Material" warning signs. The flood plain was stabilized along with the 216-U-10 Pond. The pond is posted with "Underground Radioactive Material" signs. The flood plain cannot be distinguished from the backfilled pond. (The flood plain was designed to intentionally receive overflow from the pond. The water that filled the flood plain was not an "Unplanned Release". Engineered structures were typically assigned a number from historical Hanford waste site naming conventions. Since flood plains like this one did not match any of the usual site name choices, they were given UPR numbers for lack of a better choice.)

RECEIVED
APR 21 2000**EDMC****Basis for reclassification:**

This site is fully contained within the boundary of the 216-U-10 Pond and will be dispositioned with 216-U-10 Pond.

Bryan L. Foley
DOE Project Manager

Bryan L. Foley
Signature

1/24/00
Date

Ecology Project Manager

Douglas R. Sherwood
EPA Project Manager

Signature

Douglas R. Sherwood
Signature

Date

1/25/00
Date

Waste Information Data System

General Summary Report

11/23/1999

Site Code:	UPR-200-W-107	Site Classification:	Accepted	Page 1
Site Names:	UPR-200-W-107, UN-218-W-17, 218-U-10 Pond Flood Plain			
Site Type:	Unplanned Release	Start Date:	1952	
Status:	Inactive	End Date:	1957	
Operable Unit:	200-CW-5	Coordinates:		
Hanford Area:	200W	(E)	560215.125	
		(N)	134432.625	
		Washington State Plane		
Site Description:	<p>The site is historically identified as an unplanned release. The release site is a flood plain that was incorporated into the 218-U-10 Pond stabilization area. The pond is posted with "Underground Radioactive Material" signs. The flood plain cannot be distinguished from the backfilled pond.</p> <p>This site has been consolidated with the 218-U-10 Pond.</p>			
Location Description:	The site was located south of the 218-U-10 Pond in the flood plain near the corner of 13th Street and Dayton Ave.			
Process Description:	The flood plain was a low area that provided additional leaching area for 218-U-10 Pond overflow water.			
Associated Structures:	UPR-200-W-107 was associated with the 218-U-10 Pond.			
Site Comment:	<p>The water that overflowed into the flood plain was not an "Unplanned Release". Engineered structures were typically assigned a number from a specific Hanford waste site naming convention. Since areas like this one did not match any of the usual site number choices, they were given UPR numbers for lack of a better choice. The site was buried under approximately 1.2 meters (4 feet) of clean soil. A surface radiological survey of the area was performed in 1978 and identified beta/gamma activities up to 8000 counts per minute. Soil samples were taken in the flood plain area in 1978. Soil samples collected at the east end of the flood plain showed 13.8 picocuries per gram (pCi/g) of potassium-40, 28.4 picocuries per gram (pCi/g) of strontium-90 and 851 picocuries per gram (pCi/g) of cesium-137. Soil samples collected at the west end of the flood plain showed 13.7 picocuries per gram (pCi/g) of potassium-40, 98.4 picocuries per gram (pCi/g) of strontium-90 and 2600 picocuries per gram (pCi/g) of cesium-137.</p>			
Cleanup Activities:	The area was backfilled and surface stabilized in 1985, along with the 218-U-10 Pond.			
Environmental Monitoring Description:	<p>A surface radiological survey is done at the backfilled 218-U-10 Pond annually. The survey includes the flood plain area. A radiation survey done in January 1978 found beta and gamma activity on the surface of the ground to a maximum of 8,000 counts per minute. Soil samples taken in 1978 from the surface of the flood plain showed maximum concentrations of 13 pCi/g potassium-40, 98 pCi/g strontium-89/90, 2600 pCi/g cesium-137 and 28 pCi/g cerium-141.</p>			
References:	<p>1. H. L. Maxfield, 4/1/79, Handbook - 200 Area Waste Sites (Volumes 1, 2 and 3), RHO-CD-873. 2. R. D. Stenner, K. H. Cramer, D. A. Lamar, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-8458 Vol 1,2,3. 3. T. M. Wintczak, 5/20/92, Federal Facility Agreement and Consent Order Change Control Form - Change to 200-UP-2 Work Plan scope and M-12-15 interim milestone date. (TPA), M-12-82-1. 4. S.M. McKinney, 12/08/94, Status of Outdoor Radiological Contamination at the Hanford Site, WHC-SP-1149. 5. Markes, B.M., S.M. McKinney, 12/15/95, Routine Environmental Monitoring Schedule, Calendar Year 1996, WHC-SP-0098-7. 6. CR Webb, 5-25-89, Telephone Conversation with WM Hayward related to Stabilization Dates of the U Pond Fingers.</p>			

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-40	Confirmed By Program:	Yes
DOE Division:	RPD - Restoration Projects Division		

Responsible**Contractor/Subcontractor:** BHI - Bechtel Hanford, Inc.**Site Evaluation****Solid Waste Management Unit:** No**TPA Waste Management Unit Type:** Unplanned Release Unit**This Site Was Consolidated With:**

216-U-10, U Swamp, 216-U-1, 216-U-10 Pond, 231 Swamp

Reason: Within Boundary Of Larger Site**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: CERCLA Past Practice (CPP)
TPA Appendix: C

Remediation and Closure**Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Process Effluent**Category:** Mixed**Physical State:** Liquid**Waste Obscured:** Soil Overburden

Description: The waste water that inundated the site came from the 216-U-10 Pond which received the waste water from the 216-U-14 Ditch, the 216-Z-11 Ditch, and cooling water from the 401-SX Building condensers in the 241-SX Tank Farm. Potential contaminants of concern include cesium-137, strontium-90, and potassium-40.

References: 1. R. D. Stenner, K. H. Cramer, D. A. Lamer, 10/88, Hazard Ranking System Evaluation of CERCLA Inactive Waste Sites at Hanford, PNL-6456 Vol 1,2,3.

Field Work:**Type:** Site Walkdown

Site Code: UPR-200-W-107

Site Classification: Accepted

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Begin Date: 07/30/1999

Field Crew: C. R. Webb

End Date: 07/30/1999

Purpose: Verification

Comment: The flood plain is not separately marked or posted from the 216-U-10 Pond.

Site Cover:

Site Accessible: Yes

Site Found: No

Soil Discoloration: No

Debris Visible: No

Vegetation Type: Bunchgrasses

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255 and EL-1255-1.

Images:

Date Taken: 7/30/99

Pathname: \\bhl002\lead-img\200W\1420\1420_01.JPG

Description: Photo shows the south end of the 216-U-10 Pond. The UPR is not separately marked or posted from the stabilized pond.